

Substitute Form PTO-1449 (Modified) MAR 18 2003 PATENT & TRADEMARK OFFICE (37 C.F.R. § 1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 06666-078001	Application No. 09/854,301
	Information Disclosure Statement by Applicant (Use several sheets if necessary)		
	Applicant Marcu et al.	Filing Date May 11, 2001	Group Art Unit 2644

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						

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Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
LS	AI	0715265A2	June 5, 1996	EP				
LS	AJ	0469884A2	Feb 5, 1992	EP				
	AK							
	AL							
	AM							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AN	
	AO	
	AP	
	AQ	

Examiner Signature 	Date Considered 8/11/05
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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							Yes	No
LS	AF	0933712A2	Aug 4, 1999	EP				
	AG							
	AH							
	AI							
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Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
LS	AK	Marcu, "Building Up Rhetorical Structure Trees", <u>Proceedings of the National Conference on Artificial Intelligence and Innovative Applications of Artificial Intelligence Conference</u> , Vol. 2, August 4, 1996, pp. 1069-1074
LS	AL	Witbrock, et al., "Ultra-Summarization: A Statistical Approach to Generating Highly Condensed Non-Extractive Summaries", <u>Proceedings of SIGIR '99, 22nd International Conference on Research and Development in Information Retrieval, Proceedings of 22nd International ACM SIGIR Conference on Research and Development in Information Retrieval</u> , Berkeley, CA, USA, August 1999, pp. 315-316
	AM	
	AN	

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Sheet 1 of 2

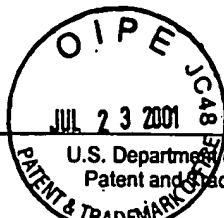
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	Filing Date May 11, 2001	Group Art Unit Unknown	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
LS	AA	5,477,451	12/19/95	Brown et al.			
LS	AB	5,761,631	6/2/98	Nasukawa			
LS	AC	5,805,832	9/8/98	Brown et al.			
LS	AD	5,903,858	5/11/99	Saraki			
LS	AE	5,991,710	11/23/99	Papineni et al.			
LS	AF	6,205,456 B1	3/20/01	Nakao			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
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	AG							
	AH							
	AI							

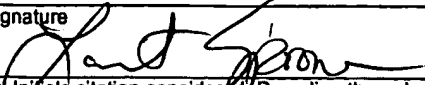
Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
LS	AK	Sumita et al., "A discourse structure analyzer for Japanese text," <i>Proceedings of the International Conference on Fifth Generation Computer Systems</i> , vol. 2, pp. 1133-1140 (1992)
↑	AK	Kurohashi et al., "Automatic detection of discourse structure by checking surface information in sentences," <i>proceedings of COL-ING '94</i> , vol. 2, pp. 1123-1127 (1994)
	AL	Marcu, "The rhetorical parsing of natural language texts," <i>Proceedings of ACL/EACL '97</i> , pp. 96-103 (1997)
	AM	Corston-Oliver, "Beyond string matching and cue phrases: Improving efficiency and coverage in discourse analysis," <i>The AAAI Spring Symposium on Intelligent Text Summarization</i> , pp. 9-15 (1998)
	AN	Miike et al., "A full-text retrieval system with a dynamic abstract generation function," <i>Proceedings of SIGIR '94</i> , pp. 152-161 (1994)
	AO	Marcu, "Discourse trees are good indicators of importance in text," <i>Advances in Automatic Text Summarization</i> , The MIT Press (1999)
	AP	Marcu, "Instructions for Manually Annotating the Discourse Structures of Texts", Discourse Annotation, pp. 1-49, May 18, 1999
	AQ	Marcu, "The Rhetorical Parsing, Summarization, and Generation of Natural Language Texts", Ph.D. Thesis, University of Toronto (1998)
↓	AR	Brown et al., "The Mathematics of Statistical machine Translation: Parameter Estimation", <i>Computational Linguistics</i> , Vol. 19, No. 2, pp. 263-311 (June 1993)

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LS	AS	Jelinek, "Fast Sequential Decoding Algorithm Using a Stack", <i>IBM J. Res. Develop.</i> , Vol. 13, No. 6, pp. 675-685, November 1969
↑	AT	Knight, "Decoding Complexity in Word-Replacement Translation Models", <i>Computational Linguistics</i> , Vol. 25, No. 4, pp. 607-615 (December 1999)
↑	AU	Monasson et al., "Determining computational complexity from characteristic 'phase transitions'", <i>Nature</i> , Vol. 400, pp. 133-137 (July 1999)
↑	AV	Selman et al., "A New Method for Solving Hard Satisfiability Problems", <i>Proceedings of the Tenth National Conference on Artificial Intelligence</i> , pp. 440-446 (July 1992)
↑	AW	Tillmann et al., "A DP based Search Using Monotone Alignments in Statistical Translation", in <i>Proc. ACL</i> , pp. 289-296 (1997)
↓	AX	Wang et al., "Decoding Algorithm in Statistical Machine Translation", in <i>Proc. ACL</i> , pp. 366-372 (1996)
LS	AY	Wu et al., "A Polynomial-Time Algorithm for Statistical Machine Translation", in <i>Proc. ACL</i> , pp. 152-158 (1996)

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